

Monthly Progress Report

REC'D 10-8-93
F.B.

Submitted to: Mr. Frank Battaglia, Project Manager
USEPA Region I
Waste Management Building
90 Canal Street
Boston, MA 02114

NAME: Ciba-Geigy
I.D. NO.: R10001154323
FILE NO.: R-9
OTHER: _____

Submitted by: Ms. Diane Leber, Project Coordinator
CIBA-GEIGY Corporation
444 Sawmill River Road
Ardsley, NY 10502

Pursuant to: RCRA I-88-1088

Facility Site: Cranston, RI

Period Covered: September 1993 (28 August 1993 – 24 September 1993)*

Date Submitted: 10 October 1993

1.0 SUMMARY

This is the thirty-ninth monthly progress report. Five significant events occurred this month.

Phase II Investigation. Activities for the Phase II investigation continued. Analysis of samples continued; validation of the Phase II (Round 1) data began.

Project Management. Review of the USEPA's draft comments on the Phase II Pawtuxet River Proposal continued. On 9/3/93, a teleconference call was held among personnel from the USEPA, CIBA-GEIGY, HydroQual, and Woodward-Clyde Consultants to discuss and clarify these draft comments. On 9/10/93, the USEPA disapproved the Phase II Pawtuxet River Proposal; revision of the document began.

Stabilization Investigation. Design of the full-scale stabilization pretreatment system and stabilization activities continued. On 8/30/93, comments on the Design Concepts Proposal (submitted 5/93) were received from the USEPA, thereby establishing the target date (11/30/93) for submitting the Draft Stabilization Design Documents. On 9/2/93, a meeting was held at Woodward-Clyde's Wayne (NJ) office with personnel from CIBA-GEIGY, On-Board (a Woodward-Clyde subcontractor), and Woodward-Clyde Consultants (WCC) to review operating concepts proposed for the stabilization activities. On 9/16/93, a design meeting was held at the Wayne office with personnel from CIBA-GEIGY, On-Board, and WCC to review changes to the P&IDs (process and instrumentation diagrams) for the systems proposed for stabilization. Development of the Draft Stabilization Design Documents, and other planning for stabilization, continued.

Hydrological Investigation. Stage height measurements of the river continued. Processing river stage data from the automatic recorders (transducers) continued.

Water Level Monitoring. Monthly groundwater level monitoring continued. Processing groundwater level data from the automatic recorders (transducers) continued.

*As agreed, the reporting period will be monthly through the fourth Friday of the month.



SEMS DocID 666723

2.0 TASKS AND ACTIVITIES COMPLETED

The sampling and other activities (subtasks) that were completed are reported here.

2.1 Sampling Activities Completed

No sampling activities were conducted during this reporting period.

2.2 Other Activities Completed

The other activities (subtasks) completed during this reporting period were described in Section 1.0.

3.0 JEOPARDY TASKS (scheduled tasks not completed)

No tasks were in jeopardy as of 24 September 1993.

4.0 OTHER TASKS UNDERWAY (and on schedule)

The tasks that were underway (and on schedule as of 24 September 1993) were described in Section 1.0.

5.0 DATA OBTAINED

Groundwater level data have been obtained but have not yet been peer reviewed. Continuous groundwater level data from the automatic recorders (transducers) were downloaded but have not yet been processed. Stage height measurements of the river were obtained but have not yet been reviewed. The analytical results for selected sample delivery groups (Phase II, Round 1 data) were received from the laboratories; these results will be reported after the data have been validated and the data base has been loaded.

6.0 PROBLEM AREAS

The resolved, new, potential (i.e., anticipated or possible), and outstanding (i.e., still unresolved) problem areas are reported here.

6.1 Resolved Problem Areas

No new problem areas were discovered and resolved during the reporting period.

6.2 New Problem Areas

No new problem areas remained unresolved during this reporting period.

6.3 Potential Problem Areas

One potential problem area was identified during this reporting period.

Potential Problem. Preservation requirements (maintaining samples at 4°C) were not met during groundwater sampling. Groundwater samples (Phase II, Round 1) from selected monitoring wells were collected in August 1993; during sampling, temperatures routinely exceeded 90°F. Although the samples were packed in ice, the 4°C temperature required was not maintained — the samples were warm when they arrived at the laboratory.

Resolution. The analytical results for these samples will be evaluated to determine if these data have been affected. After the data have been loaded into the data base, the data from existing wells sampled during this round will be compared with the data from the same (existing) wells from previous sampling rounds. The results of this evaluation will be discussed in a subsequent Monthly Progress Report.

6.4 Outstanding Problem Areas

No problem areas remained unresolved during this reporting period.

7.0 SCHEDULE OF TASKS (next two months)

The projected schedule is provided here. It covers the tasks to be performed in the next two months (October and November 1993), along with other comments or considerations.

Target Date	Task#	Task	Comments/Considerations
ongoing	—	Stabilization	Date for submitting the <u>DSDD</u> is 11/30/93
TBD	—	Phase II Investigation	
ongoing	9	Project Management	
ongoing	10	Data Management	
ongoing	11	Project Administration	
ongoing	12	Quality Assurance	
ongoing	13	Health & Safety Assurance	

8.0 CHANGES IN WORK PLAN

No changes were made to the Work Plan during this reporting period.

9.0 OTHER COMMENTS

The plans going forward into October and November include:

- revising and submitting the Phase II Pawtuxet River Proposal,
- developing and submitting the Draft Stabilization Design Documents, and
- additional planning for future investigations.